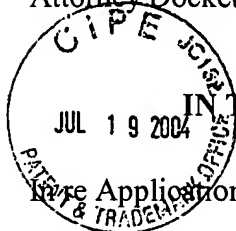


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of: Francisco J. Ayala

Serial No.: 10/755,946

Filing Date: June 2, 2004

Examiner: NOT YET KNOWN

Group No.: NOT YET ASSIGNED

For: SYSTEM AND METHOD FOR DEVELOPING ARTIFICIAL INTELLIGENCE

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Pursuant to the provisions of 37 C.F.R. § 1.97, Applicant(s) hereby make(s) of record the references set forth in the attached form(s) PTO/SB/08A and PTO/SB/08B. References listed on PTO/SB/08B are attached for your review; however, references are listed in no specific order nor based on their pertinence. No inference should be made that the cited references are in fact material, are in fact prior art, or that no better art exists.

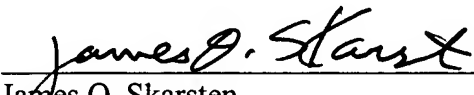
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their entirety by return of a copy of the enclosed form, completed by the Examiner, is respectfully requested. It is also requested that the cited references be cited on the front of any patent issuing from this application. An early action on the merits is respectfully requested.

Applicant believes no fees are due for the filing of this IDS. However, if any fees are due, other than an issue fee or any overpayments have been made, please charge, or credit our Deposit Account No. 07-0153.

Respectfully submitted,  
GARDERE WYNNE SEWELL LLP

  
\_\_\_\_\_  
James O. Skarsten  
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ATTORNEYS FOR APPLICANT

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Sheet 1 of 6

<b>Application Number</b>	10/755,946
<b>Filing Date</b>	January 13, 2004
<b>First Named Inventor</b>	Francisco J. Ayala
<b>Group Art Unit</b>	608
<b>Examiner Name</b>	NOT YET KNOWN
<b>Attorney Docket Number</b>	128180-1000

[illegible][illegible]Date  
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.



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Sheet 2 of 6

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U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>2</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>3</sup> (if known)			
		5,568,590	B1	Tolson	10-22-1996	
		5,617,483	B1	Osawa	04-01-1997	
		5,633,988	B1	Takatori et al.	05-27-1997	
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		5,729,662	B1	Rozmus	03-17-1998	
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		5,930,781	B1	Toomarian et al.	07-27-1999	
		5,937,432	B1	Yamaguchi et al.	08-10-1999	

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2 Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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		5,974,404	B1	Moed et al.	10-26-1999	
		6,038,338	B1	Nguyen	03-14-2000	
		6,151,592	B1	Inazumi	11-21-2000	
		6,205,556 B1	B1	Watanabe et al.	03-20-2001	
		6,269,351 B1	B1	Black	07-31-2001	
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		6,553,357 B2	B2	Mathias et al.	04-22-2003	
		6,601,053 B1	B1	Schaffer et al.	07-29-2003	
		Pub. No. 0014378	A1	Goodnight et al.	01-16-2003	
		Pub. No. 0018598	A1	Cawse et a.	01-23-2003	
		Pub. No. 0059154	A1	Rodvold	05-16-2002	
		Pub. No. 0004904	A1	Kirshenbaum	01-02-2003	
			B1			

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		Group Art Unit	608
		Examiner Name	NOT YET KNOWN
Sheet 4 of 6	Attorney Docket Number	128180-1000	

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		HALLINAN, J., et al., 1998; <u>Cooperative Evolution Of A Neural Classifier And Feature Subset</u> ; Proc. 2nd Asia-Pacific Conference on Simulated Evolution and Learning	
		HARTER, D. et al., 2001; <u>Models of Ontogenetic Development for Autonomous Adaptive Systems</u> ; Proceedings of the 23rd Annual Conference of the Cognitive Science Society, pp. 405-410	
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		TOURETZKY, D.S., et al., (1997) <u>Operant Conditioning in Skinnerbots</u> . <i>Adaptive Behavior</i> 5:219-247.	
		BYOUNT-TAK ZHANG, et al., <u>Evolutionary Induction of Sparse Neural Trees</u> , <i>Evolutionary Computation</i> , 1997, Vol. 5, No. 2, pp. 213-236	

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Group Art Unit	608
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		BYOUNG-TAK ZHANG, et al., <u>Evolutionary Neural Trees for Modeling and Predicting Complex Systems</u> ; <i>Engng. Applic. Artif. Intell.</i> Vol 10, No. 5 pp. 473-483, 1997	
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Sheet

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		K.E. KINNEAR, JR.; <u>Evolutionary Computers 1, Basic Algorithms and Operators</u> , Beck, T. et al. (eds) 2000; Institute of Physics Publishing, Bristol; pp. 102-113	
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		D.TVETER; <u>The Pattern Recognition Basis of Artificial Intelligence</u>	
		S.L.BLYUMIN, et al.; <u>Reduction of Adjusting Weights Space Dimension in Feedforward Artificial Neural Networks Training</u> ; IEEE International Conference on Artificial Intelligence Systems; September 5-10, 2002; p. 242	
		S.S.HAN, et al.; Optimization of Neural Network Structure and Learning Parameters Using Genetic Algorithms; 8 <sup>th</sup> International Conference on Tools with Artificial Intelligence; November 16-19, 1996; Toulouse, France; p. 200\	
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